

CLIMATOLOGICAL DATA FOR MAY, 1912.

DISTRICT NO. 10, GREAT BASIN.

ALFRED H. THIESSEN, District Editor.

GENERAL SUMMARY.

For the district as a whole May was favorable for all interests. The temperature averaged below normal, but no injurious frosts occurred, and the fruit crop promises to be heavy. Precipitation averaged below normal, but was sufficient for all purposes.

There was considerable cloudiness, especially in the Utah area, and the wind movement was higher than usual. The average number of rainy days was 5, clear days 12, partly cloudy days 10, and cloudy days 9.

In all parts of the district the crops were put in late, and in general the season is nearly a month later than usual. Up to the present time no injurious floods have occurred, although the streams are quite high, the melting of the snow being kept back by the cold weather. Ranges were in good condition, and forage was abundant.

TEMPERATURE.

The average monthly temperature for the district was 52.9° , which is 2° below normal. The highest local mean temperatures occurred at the lower stations of the Utah area and in the southern half of the Nevada area; and the lowest in the Idaho, Wyoming, and Oregon areas.

The local mean temperature ranged from 42° at Tahoe, Cal., to 64.6° at Lemay, Utah. Nearly all stations in the district reported temperatures below normal, but the greatest minus departures occurred in the northern portions of the Utah and Nevada areas.

The month began moderately warm in all parts of the district, but the weather grew colder after the 1st, and many stations reported their lowest temperatures from the 2d to the 6th. Warmer weather set in near the middle of the month and continued until the 20th, when another cool spell occurred lasting only a few days, the temperature gradually rising and culminating in the warmest weather of the month on the 29th.

The following were the highest temperatures that occurred in the various areas of the several States of this district: 83° at Cokeville, Wyo.; 82° at Weston, Idaho; 95° at Low, Utah; 99° at Jean, Nev.; all of which occurred on the 29th; and 68° at Placer, Cal., on the 17th, and 80° at Burns, Oreg., on the 18th, and at Silver Lake, Oreg., on the 14th.

Very nearly every station in the district reported minimum temperatures below freezing. In the Utah area there were several frosty days in the fruit belts of the State, but so far as ascertained there was no damage, and the general prospects are very good. In the Nevada area light frost formed several times during the month, and heavy frosts were general on the morning of the 22d in the agricultural districts, except in the southern portion, resulting in considerable damage to fruit and garden truck in exposed places, but only slight or no damage in well protected places along the foothills.

The lowest temperature for the district was 12° at Weston, Idaho, on the 3d. In other States having areas in this district the following low temperatures were registered: 18° at Cokeville, Wyo., on the 14th; 16° at Pinto, Utah, 23° at Silver Lake, Oreg., and 22° at Tahoe, Cal., on the 3d; 20° at Millet and Potts on the 4th, at

Halleck on the 13th, at Carlin on the 20th, at Lovelocks on the 21st, and at Quinn River Ranch on the 22d, all in Nevada.

PRECIPITATION.

The precipitation averaged 1.09 inches, which is 0.40 inch below normal. The greatest amounts fell in the Utah, Wyoming, Idaho, and Oregon areas; the least in the Nevada area. At Carlin, Nev., no rain occurred, and the largest local monthly amount was 3.38 inches at Tahoe, Cal. Very few stations reported amounts above normal, and the average in every State was below normal, except in the Wyoming area, where more than the normal amount was recorded.

Precipitation was well distributed throughout the month, the largest amounts falling during the first decade in all except the Oregon area, where the wettest period extended from the 19th to the 29th, inclusive.

Most of the precipitation was in the form of rain, but some snow fell at the higher stations. The cold weather of the past three months retarded the melting of the snow in the mountains, and in consequence the period of high water in all districts was later this year than usual. The snow cover toward the close of the month was diminishing rapidly.

NOTE.—One of the cooperative observers of the Utah section, Mr. B. F. Eliason, contributes an interesting article on his snow survey of the Pole Creek Watershed. It is to be regretted that Mr. Eliason had no instrument with which to measure snow density, but his stick measurements will be valuable in making comparison in future seasons, and especially so if he will make the surveys personally.

SNOW SURVEY ON POLE CREEK WATERSHED,
SANPETE COUNTY, UTAH.

By B. F. ELIASON, Cooperative Observer, Moroni, Utah.

Pole Canyon is the source of a large part of the irrigation water used in the neighborhood of Moroni and Freedom, in Sanpete County, Utah, and it is an important watershed to the farmers in this section of the country. It was for this reason I decided to make an examination of the snow supply on this watershed this spring. Being unable to get anyone to accompany me, I made the trip alone on the 28th of April, 1912.

It was impossible at that time to procure a snow sampler, or tube, and scales, so my equipment consisted of a long measuring stick, with proper foot and inch markings to facilitate making the measurements. This, with a pair of web snowshoes and some eye shields, completed the outfit. I contemplated taking my rifle, but it was well that I did not do so, for the only living thing seen on the trip was a single grouse. Chicken tracks were numerous among the balsams, as were those of mice and chipmunks, but no others were seen.

It was a very pleasant day, the sky being lightly overcast and the sun glare being absent from the snow. This being my first extensive snowshoe trip, the start was made early from my residence, near Moroni. A mile and a half on horseback brought me to the edge of the snow fields,

TABLE 1.—Climatological data for May, 1912. District No. 10, Great Basin.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.						Precipitation, in inches.				Number of rainy days, 0.01 inch or more.	Number of clear days.	Number of partly cloudy days.	Number of cloudy days.	Prevailing wind direction.	Observers.		
				Mean.	Departure from the normal.	Highest,	Date.	Lowest,	Date.	Greatest daily range,	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmetted.							
<i>Wyoming.</i>																					
Border.....	Uinta.....	6,085	10	46.2	- 0.5	80	29	21	14	47	1.76	+ 0.24	0.49	.....	6	13	2	16	w.	S. W. Condron.
Cokeville.....	do.....	6,204	2	46.3	- 1.5	83	29	18	14	53	1.53	- 0.22	0.43	.....	11	23	6	2	nw.	E. J. Tuckett.
Evanston.....	do.....	6,860	16	44.4	-	76	29	21	14	43	1.97	- 0.22	0.67	9.0	11	9	16	6	w.	Frank Tucker.	
<i>Idaho.</i>																					
Geneva.....	Bear Lake.....	6,171	4	50.2	.....	81	29	25	1	46	0.44	.....	0.15	0	4	19	10	2	n.	F. W. Boehme.
Grace.....	Bannock.....	5,400	5	50.2	- 5.3	75	28	12	3	43	1.22	- 0.04	0.40	1.0	7	15	5	11	n.	Donald R. Shirk.	
Paris.....	Bear Lake.....	5,946	17	44.0	- 1.8	82	29	26	6	43	1.60	- 0.69	0.34	T.	5	21	2	8	n.	John Norton.	
Weston.....	Oneida.....	4,460	14	50.4	.....	82	29	22	15	48	1.60	- 0.69	0.51	0	8	8	7	16	sw.	Wm. T. Chatterton.
<i>Utah.</i>																					
Alpine.....	Utah.....	4,900	13	50.2	.....	84	17	23	24	47	0.79	- 1.83	0.40	.....	3	8	18	5	.....	T. F. Carlisle.
Beaver.....	Beaver.....	6,000	8	52.2	.....	84	17	23	14	52	0.42	.....	0.14	.....	2	4	20	7	s.	E. D. Bacon.
Black Rock.....	Millard.....	4,872	8	53.0	.....	88	29	23	14	52	0.42	.....	0.20	0	3	12	15	4	.....	W. D. Livingston.
Burrville.....	Sevier.....	1	45.5	.....	81	29	21	14	47	0.80	.....	0.50	.....	.....	5	12	11	8	sw.	F. R. Curtis.
Castle Rock.....	Summit.....	6,244	7	55.4	.....	85	29	27	2	37	0.60	.....	0.60	16.0	15	6	10	15	w.	David Moore.
Cedar City.....	Iron.....	5,750	7	55.4	.....	86	29	22	15	48	0.62	.....	0.27	2.0	4	9	18	4	n.	Parley Dalley.
Center.....	Tooele.....	51.4	.....	86	29	27	14	48	1.30	.....	0.75	.....	3	7	9	15	15	.....	L. C. Peterson.	
Clarkston.....	Cache.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4	14	3	14	.....	.....	W. J. Griffiths.	
Corinne.....	Boxelder.....	4,240	42	52.6	- 7.6	87	29	30	23	44	0.82	- 0.64	0.35	.....	1	11	8	12	s.	A. C. Murphy.
Deseret.....	Millard.....	4,541	17	55.4	- 0.5	89	29	27	14	48	0.52	- 0.64	0.26	T.	4	11	6	14	s.	S. W. Western.	
Erekson.....	Tooele.....	1.34	0.59	6.5	8	1	11	8	12	N. W. Erekson.
Enterprise.....	Washington.....	4,270	6	.....	.....	.....	.....	.....	.....	.....	0.41	.....	0.41	0	1	11	8	12	s.	John Day.
Fairfield.....	Utah.....	4,866	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	W. Harden Ashby.
Farmington.....	Davis.....	4,267	11	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Charles Boylin.
Fillmore.....	Millard.....	5,100	20	57.0	- 0.4	90	29	31	14	43	1.32	- 0.43	0.38	.....	8	.....	.....	.....	.....	J. J. Starley.
Frisco.....	Beaver.....	7,318	16	53.6	- 1.6	85	29	28	17	42	0.90	- 0.87	0.00	0	0	0	17 ^b	1 ^b	5 ^b	Essen Nordberg.
Garrison.....	Millard.....	9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.40	5.0	5	9	5	17	s.	E. M. Smith.
Government Creek.....	Tooele.....	5,277	11	52.1	- 0.9	86	29	27	14	38	1.18	- 0.31	0.40	5.0	1	11	8	12	s.	Walter James.	
Granger.....	Salt Lake.....	52.74	.....	83 ^d	18	32	37	41	16	.....	0.80	.....	0.98	.....	4	.....	.....	.....	.....	Geo. E. Greene.
Grouse Creek.....	Boxelder.....	4	.....	.....	.....	.....	.....	.....	.....	.....	1.17	.....	0.62	T.	8	4	12	15	nw.	J. C. Woodmansee.
Heber.....	Wasatch.....	5,606	19	48.1	- 3.8	85	29	23	6	51	1.23	- 0.39	0.55	4.0	6	14	11	6	s.	Philip Paskett.	
Henefer.....	Summit.....	5,301	12	49.0	- 1.9	84	29	23	14	52	1.39	- 0.05	0.75	7.5	11	8	7	16	nw.	John Crook.	
Hooper.....	Weber.....	4,436	1	.....	.....	.....	.....	.....	.....	.....	1.10	.....	0.70	0	2	.....	.....	.....	.....	William Brewer.
Ibapah (near).....	Tooele.....	7,500	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	14	.....	.....	.....	.....	T. M. Jones, jr.
Ibex.....	Millard.....	1	58.0	.....	86	17 ^f	31	3	37	0.36	.....	0.15	0	4	4	6	21	.....	.....	J. S. Lawton.
International.....	Tooele.....	5,370	1	.....	.....	.....	.....	.....	.....	.....	1.45	.....	0.50	.....	4	.....	.....	.....	.....	I. S. R. Co.
Josepa.....	Millard.....	1	56.6	.....	90	29	29	14	43	0.33	.....	0.26	0	2	9	7	15	.....	Geo. K. Hubbell.	
Joy.....	Juab.....	54.8	.....	86	29	30	5	44	0.20	.....	0.15	.....	0.2	2	7*	19*	0*	s.	A. M. Laird.	
Junction.....	Piute.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.16	.....	0.10	0	2	7*	19*	0*	s.	Joseph Jensen.
Kanosh.....	Millard.....	5,250	2	52.6	- 5.7	83	29	25	2	43	0.52	- 0.32	0.35	T.	2	1	24	6	se.	Geo. Crane.	
Kelton.....	Boxelder.....	4,230	32	52.6	- 5.7	83	31	36	2	22	0.75	.....	0.40	0	3	13	9	9	.....	F. W. Klock.
Lemay.....	do.....	1	64.6	.....	89	31	36	2	22	0.75	.....	0.40	0	0	3	13	9	9	.....	Agent S. P. Co.
Levan.....	Juab.....	5,010	22	52.2	- 2.1	85	29	27	5	43	1.14	- 0.63	0.42	3.8	6	17	2	12	sw.	William Brown.	
Logan.....	Tooele.....	4,507	21	52.4	- 2.1	82	29	30	2	34	2.22	- 0.15	0.63	.....	14	.....	.....	.....	.....	Utah Exp. Station.
Low.....	Tooele.....	59.8	.....	95	29	33	6	45	0.08	.....	0.04	.....	3	17	7	7	7	n.	Agt. W. P. Ry. Co.	
Lucin.....	Boxelder.....	4,504	5	53.2	.....	88	18	28	2	44	1.38	.....	0.15	0	0	15	8	8	.....	R. G. Crocker.
Manti.....	Iron.....	5,086	3	.....	.....	.....	.....	.....	.....	.....	1.11	- 0.07	0.31	.....	9	6	5	20	.....	Job F. Hall.
Maple Creek.....	Sanpete.....	5,375	17	51.7	- 4.1	83	29	21	4	45	1.18	.....	0.63	.....	8	15	7	9	.....	J. M. Anderson.
Marion.....	Utah.....	5,750	7	51.4	+ 0.7	87	29	20	14	51	2.19	.....	0.70	12.0	13	3	7	21	nw.	Lewis W. Gillian.
Marysville.....	Plute.....	6,076	12	51.4	- 0.3	84	29	25	14	47	1.62	- 0.24	0.60	10.5	8	16	7	8	w.	Jas. Woolstenhulme.	
Meadowville.....	Rich.....	6,200	11	48.3	- 0.3	84	29	30	5	46	1.55	.....	0.68	.....	9	23	5	3	.....	John W. Henry.
Mercur.....	Tooele.....	1	57.8	.....	77	30	38	3	27	0.30	.....	0.20	.....	2	9	14	8	8	e.	J. S. Moffat.
Midlake.....	Boxelder.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.41	+ 0.11	0.54	.....	11	4	25	2	s.	Agent S. P. Co.
Midvale.....	Salt Lake.....	56.88	18	52.2	.....	88	18	29	6	48	1.38	.....	0.95	0	7	13	13	5	s.	Agent Salt Lake Route.
Millville.....	Cache.....	4,848	17	.....	.....	.....	.....	.....	.....	.....	2.41	+ 0.11	0.54	.....	11	4	25	2	s.	Fred Yeates.
Minersville.....	Beaver.....	5,070	8	.....	.....	.....	.....	.....	.....	.....	2.41	+ 0.11	0.54	.....	11	4	25	2	s.	George Roberts, sr.
Modena.....	Iron.....	5,479	11	51.4	- 3.1	82	29	24	4	42	0.33	- 0.54	0.14	0.8	5	8	16	7	sw.	U. S. Weather Bureau.	
Morgan.....	Morgan.....	5,068	4	51.0	.....	82	29	25	5	47	1.10	.....	0.57	7.8	7	4	14	13	sw.	Dr. W. Visick.
Moroni.....	Sanpete.....	5,519	4	51.0	.....	92	29	30	5	46	1.55	.....	0.68	.....	9	23	5	3	.....	R. P. Curtis.
Mosida.....	Utah.....	55.2	.....	90	29	28	5	45	0.94	.....	0.30	.....	8	18	8	5	5	s.	D. C. Walkey	
Mount Nebo.....	do.....	4,650	9	56.2	.....	.....	.....	.....	.....	.....	1.05	.....	0.43	0	7	.....	.....	.....	S. Boswell.	
Nephi (near).....	Juab.....	7	.....	.....	.....	.....	.....	.....	.....	.....	2.33	.....	0.93	.....	3	15 ^b	6 ^b	8 ^b	s.	T. W. Jones.
Newcastle.....	Iron.....	1	.....	.....	.....	91	29	30	14	43	1.93	.....	0.59	2.0	7	8	19	4	.....	Peter Nielsen.
Oak City.....	Millard.....	4,900	5	57.9	.....	84	29	35	3	35	2.22	.....	0.92	.....	7	17	8	6	s.	A. Van De Graff.
Ogden.....	Garfield.....	4,310	41	63.9	+ 1.2	83	21 ^f	39	2	31	2.7	.....	0	17	11	3	.....	.....	John N. Henrie.	
Panguitch.....	Garfield.....	48.0	7	.....	.....	82	20	18	14 ^f	52	2.7	.....	0.09	.....	10</td					

TABLE 1.—Climatological data for May, 1912. District No. 10—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.								Precipitation, in inches.								Sky.	Prevailing wind direction.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmeted.	Number of rainy days, 0.01 inch or more.	Number of clear days.	Number of partly cloudy days.	Number of cloudy days.				
Utah—Continued.																						
Wendover.....	Tooele.....	1	62.2	92	29	42	1	37	0.20	0.50	0.13	3	2	13	11	7	sw.	J. S. Cooper.	
Whisky Creek.....	Millard.....	1	0.40	George Stevens.	
Winder.....	Garfield.....	Q. K. Kimball.	
Woodruff.....	Rich.....	6,500	10	J. Sidney Pussey.	
Oregon																						
Burns.....	Harney.....	4,157	21	51.6	.....	80	18	25	22	42	1.69	.....	1.00	0	7	14	11	6	w.	J. C. Welcome, Jr.
Cliff.....	Lake.....	4,300	5	John C. Green.	
Paisley.....	do.....	4,500	9	E. C. Woodward.	
Silver Lake.....	do.....	4,700	15	48.9	+ 0.1	80	14	23	3	48	1.44	+ 0.21	0.32	0	8	13	13	5	sw.	Geo. W. Marvin.		
California																						
Tahoe.....	Placer.....	6,240	2	42.2	.....	68	17	22	3	35	3.38	.....	1.35	20.0	10	17	2	12	w.	R. M. Watson.
Truckee.....	Nevada.....	5,819	41	Southern Pacific Co.	
Nevada																						
Austin.....	Lander.....	6,594	23	F. O. Boe.	
Battle Mountain.....	do.....	4,843	41	53.4	- 3.9	84	19†	22	23	48	0.20	- 0.55	0.20	0	1	20	7	4	w.	Southern Pacific Co.		
Beowawe.....	do.....	4,905	41	Do.	
Carlton.....	Elko.....	5,232	41	51.9	- 1.2	89	24	20	13†	59	0.00	- 0.64	0.00	0	0	26	0	5	w.	U. S. Reclamation Service.		
Carson Dam.....	Churchill.....	4,032	5	57.2	.....	84	27	31	21	37	0.43	.....	0.25	T.	2	18	6	7	w.	J. H. Leishman.
Cherry Creek.....	White Pine.....	6,450	4	50.6	.....	88	17	23	2	49	0.60	.....	0.30	0	7	13	13	5	s.	I. F. Wiseman.
Clover Valley.....	Elko.....	6,000	11	50.6	- 0.4	83	17	22	14	56	0.51	- 1.07	0.17	0	6	4	19	5	s.	A. Booth.		
Columbia.....	Esmeralda.....	5,750	5	55.6	.....	85	29	26	4	42	0.17	.....	0.10	T.	3	16	12	3	se.	Walfrid Sohlman.
Dry Farm.....	Elko.....	0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	E. J. Clark.
Elko.....	do.....	5,432	41	50.2	- 3.8	83	29	24	4†	50	.....	.....	.....	T.	12	11	8	w.	R. F. Mathias.	
Ely.....	White Pine.....	6,421	21	49.6	- 1.1	77†	17	21	3	43†	0.11	- 0.68	0.06	1.5	2	n.	Clay Simms.					
Eureka.....	Eureka.....	6,500	9	50.2	.....	81	29	24	4†	43	0.80	.....	0.23	2.0	11	8	7	16	s.	U. S. Experiment Station.
Fallon.....	Churchill.....	3,965	7	56.4	.....	86	28	29	21	45	0.43	.....	0.25	0	4	22	5	4	ne.	Mrs. G. A. Steele.
Fernley.....	Lyon.....	4,200	39	56.4	- 2.2	89	28	28	21	46	0.43	- 0.04	0.25	0	4	14	11	6	w.	W. M. Maule.		
Gardnerville.....	Douglas.....	4,830	12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Mrs. J. F. Wambolt.
Geysir.....	Lincoln.....	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	C. C. Henningsen.
Glenbrook.....	Douglas.....	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Southern Pacific Co.
Golconda.....	Humboldt.....	4,697	33	55.1	- 1.5	85	17†	25	22	46	0.53	- 0.27	0.34	0	3	6	9	16	w.	Do.		
Halleck.....	Elko.....	5,631	19	49.6	- 2.5	84	17	20	13	50	0.41	- 0.61	0.18	1.0	4	14	17	0	w.	G. B. Stannard.		
Hawthorne.....	Mineral.....	4,659	18	57.6	- 1.4	89	29	32	22	39	0.47	+ 0.11	0.23	0	4	16	13	2	sw.	Salt Lake Route.		
Jean.....	Clark.....	2,074	4	61.4	.....	99	29	30	16	60	0.10	.....	0.10	0	1	23	8	0	ne.	U. S. Reclamation Service.
Lahontan.....	Churchill.....	0	60.6	.....	93	28	34	20	39	0.32	.....	0.18	0	3	19	10	2	w.	Ross Lewers.	
Lewers' ranch.....	Washoe.....	5,500	24	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	A. P. Tillord.
Lovelock.....	Humboldt.....	3,977	18	56.0	- 4.0	89	29	20	21	46	0.16	- 0.15	0.10	0	2	8	19	4	s.	Fred J. Jones.		
Millet.....	do.....	4	51.0	.....	84	29	20	4	50	0.29	.....	0.20	0	2	15	11	5	w.	Southern Pacific Co.	
Mina.....	Mineral.....	4,600	5	55.5	.....	87	28	26	2	42	0.25	.....	0.25	0	1	20	0	11	n.	Miss Mamie Potts.
Potts.....	Nye.....	6,900	19	47.5	- 5.7	81	28†	20	4	51	0.48	- 0.59	0.30	0	3	9	3	19	n.	F. M. Payne.		
Quinn River ranch.....	Humboldt.....	4,850	10	53.6	+ 0.6	85	17	20	22	52	0.07	- 0.37	0.04	0	2	10	8	13	w.	E. J. Hyatt.		
Rebel Creek.....	do.....	0	51.8	.....	82	17	24	22	49	1.40	.....	0.35	1.0	0	9	11	14	6	sw.	U. S. Weather Bureau.
Reno.....	Washoe.....	4,532	41	53.5	- 0.1	84	28	32	1	44	0.26	- 0.53	0.15	1.0	5	5	13	10	8	w.	U. S. Reclamation Service.	
Soda Lake.....	Churchill.....	4,534	5	57.4	.....	85	28	30	21	41	0.35	.....	0.11	0	5	12	15	4	sw.	Southern Pacific Co.
Tecoma.....	Elko.....	4,812	34	57.8	+ 2.6	80	18†	28	10	40	T.	+ 0.69	T.	0	0	20	10	1	e.	U. S. Weather Bureau.		
Tonopah.....	Nye.....	6,090	7	53.2	.....	80	28	25	2	36	0.15	.....	0.14	T.	2	13	15	3	n.w.	U. S. Weather Bureau.
Wells.....	Elko.....	5,631	40	.....	.....	.....	.....	28	16	0.12	- 0.80	0.07	0	2	24	4	3	.....	Southern Pacific Co.	
Winnevucca.....	Humboldt.....	4,432	33	54.2	- 0.2	84	17	25	22	44	0.52	- 0.51	0.19	0.2	6	10	11	10	sw.	U. S. Weather Bureau.		

*, b, c, etc., indicate respectively 1, 2, 3, etc., days missing from the record.

** Temperature extremes are from observed readings of the dry bulb; means are computed from observed readings.

† Also on other dates.

T. Precipitation is less than 0.01 inch rain or melted snow.

TABLE 2.—*Daily precipitation for May, 1912. District No. 10, Great Basin.*

TABLE 2.—*Daily precipitation for May, 1912. District No. 10—Continued.*

- Precipitation included in that of the next measurement.

Separate dates of falls not recorded.

Precipitation for the 24 hours ending on the morning when it is measured.
Precipitation is less than 0.01 inch rain or melted snow.

T. Precipitation is less than 0.01 inch rain or melted snow.

TABLE 3.—Maximum and minimum temperatures for May, 1912. District No. 10, Great Basin.

Date.	Burns, Oreg.		Nevada.																										
			Cherry Creek.		Elko.		Eureka.		Fallon.		Jean.		Lovelocks.		Millett.		Mina.		Quinn River Ranch.		Reno.		Tecoma.		Tonopah.		Winne- muoca.		
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.			
1....	58	28	58	29	58	30	60	27	62	37	79	31	65	32	59	37	60	37	52	30	47	32	60	40	54	28	50	32	
2....	62	30	46	23	45	29	45	25	53	36	71	35	61	28	45	25	50	26	50	32	49	33	52	39	51	31	59	33	
3....	60	34	45	25	50	33	47	26	61	32	74	34	63	27	53	33	46	39	52	31	58	35	58	33	51	31	59	33	
4....	58	32	53	28	24	48	24	65	30	70	33	68	34	57	20	52	30	63	33	63	33	59	41	55	37	58	44	63	29
5....	64	36	58	24	58	34	61	31	66	41	76	35	67	29	58	27	50	30	65	33	51	39	65	43	57	43	63	29	
6....	65	35	57	38	63	37	61	38	70	37	75	30	64	35	47	30	67	32	65	40	68	32	57	31	69	36	74	41	
7....	70	37	67	37	69	40	62	37	73	39	78	35	74	37	62	32	58	34	74	40	70	42	68	32	55	32	76	36	
8....	77	44	68	34	68	31	64	32	73	36	72	41	74	32	67	32	58	38	80	34	72	37	66	38	61	39	76	36	
9....	76	34	64	37	67	35	63	35	71	44	72	40	74	38	70	29	56	32	79	50	68	46	58	35	65	44	74	46	
10....	67	32	65	33	69	33	65	32	74	40	77	38	68	35	70	42	75	34	75	44	66	28	66	43	74	41	78	41	
11....	70	34	65	31	65	27	69	33	77	41	86	39	78	36	74	33	70	40	74	40	78	43	60	36	70	50	72	34	
12....	72	36	60	33	67	30	65	30	75	43	82	43	77	41	70	35	75	55	78	37	72	40	60	36	66	48	73	38	
13....	74	32	58	31	63	30	62	30	76	40	80	45	78	43	70	34	73	41	78	32	76	38	62	38	67	46	75	37	
14....	75	33	63	25	70	24	70	29	79	40	78	40	82	39	74	26	78	48	79	30	76	39	67	38	66	41	78	44	
15....	76	34	60	38	74	30	72	48	81	48	88	37	84	44	75	35	81	49	79	39	71	50	65	38	70	47	78	41	
16....	77	36	77	42	75	34	76	38	90	30	81	35	80	36	80	45	78	36	77	40	75	39	73	51	78	37	77	37	
17....	78	45	88	39	82	32	77	41	85	43	94	38	87	40	80	33	84	42	85	33	76	44	79	54	84	41	84	41	
18....	80	40	80	42	77	38	75	40	84	43	90	48	79	44	75	39	81	50	80	44	74	46	80	42	73	52	80	49	
19....	76	36	78	46	72	37	70	45	80	47	89	45	76	48	70	44	78	49	72	48	61	44	80	42	65	46	73	45	
20....	74	33	69	41	62	40	65	40	67	37	82	50	70	37	67	47	65	40	54	39	70	42	63	38	63	40	70	40	
21....	57	28	57	35	54	34	52	27	61	29	76	38	59	20	57	29	64	34	57	34	51	36	68	38	52	31	54	30	
22....	56	25	60	30	53	24	59	24	62	31	74	36	60	33	62	22	72	43	59	20	50	32	55	38	57	30	57	26	
23....	64	34	68	34	63	34	67	29	68	43	84	38	83	32	72	38	79	42	60	35	61	40	69	39	64	39	64	39	
24....	72	43	79	38	76	45	75	34	76	42	85	40	75	45	76	36	75	50	77	40	70	40	75	42	69	48	76	46	
25....	60	43	76	49	70	48	67	45	71	55	89	41	83	50	66	47	75	37	67	44	59	46	70	40	58	48	71	45	
26....	56	34	68	35	65	44	70	30	70	37	82	41	70	40	70	28	74	36	65	44	59	43	65	40	72	43	62	37	
27....	60	40	68	40	66	42	70	32	75	35	89	45	77	37	74	36	77	44	73	38	75	35	65	40	72	43	63	39	
28....	62	42	75	35	77	34	79	37	86	41	93	44	86	40	82	35	87	48	81	35	84	44	75	40	80	53	82	40	
29....	67	31	86	42	83	38	81	55	85	49	99	43	89	44	84	36	83	44	79	44	74	46	80	40	79	43	81	46	
30....	65	33	66	38	74	44	75	38	79	43	92	60	79	41	70	42	83	49	69	38	74	42	65	38	66	36	71	43	
31....	71	42	68	33	75	28	74	31	80	38	89	50	84	40	77	27	82	42	82	30	82	38	70	39	74	46	81	37	
Mns.	67.7	35.4	66.2	35.0	66.7	34.3	66.0	34.3	73.0	39.8	82.6	40.3	74.7	37.4	68.6	33.4	69.9	41.1	70.8	36.5	66.8	40.4	66.9	38.6	64.4	42.1	70.1	38.3	
Date.	Wyoming.		Weston, Idaho.	Utah.																			Salt Lake City.						
	Border.	Evanston.		Corinne.	Deseret.	Govern- ment Creek.	Ibex.	Marysvale.	Meadow- ville.	Modena.	Ogden.	Parowan.	Provo.	Salt Lake City.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.							
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.							
1....	55	27	50	26	53	32	57	36	71	45	61	41	67	42	72	37	54	30	69	38	62	38	72	33	65	37			
2....	46	26	33	27	52	29	51	32	51	34	48	30	51	32	48	32	44	27	43	31	59	28	51	36	46	38			
3....	46	28	35	28	47	34	49	34	52	35	43	31	53	31	48	30	44	30	48	29	66	40	47	32	42	31			
4....	40	27	38	27	54	29	48	36	49	34	49	34	40	29	57	33	52	30	44	26	55	41	52	30	51	34			
5....	48	27	45	26	54	32	51	36	60	28	55	30	59	34	55	21	49	29	55	37	67	40	54	31	61	56			
6....	52	26	51	23	63	26	55	38	68	36	61	31	50	39	61	30	53	27	64	37	65	43	66	36	63	38			
7....	65	23	60	28	70	28	71	32	73	40	65	33	68	41	70	34	60	30	65	38	64	43	68	34	67	46			
8....	67	27	61	29	71	32	75	41	72	41	65	38	75	43	69	32	64	31	64	46	66	39	74	34	67	46			
9....	64	31	59	29	68	37	68	40	70	41	63	38	71	44	65	31	63	34	57	39	68	50	63	38	75	34			
10....	61	31	52	30	65	35	66	38	68	46	74	31	70	34	77	42	74	24	68	32	66	39	51	37	66	49			
11....	51	33	53	30	60	33	64	36	72	34	65	36	74	44	67	30	55	35	70	37	73	54	69	39	69	34	62	46	
12....	55	32	54	31	64	35	60	33	67	36	60	31	70	45	65	35	55	34	63	40	75	54	60	38	66	31	61	46	
13....	54	24	46	27	60	31	63	33	59	38	58	34	62	28	60	44	52	35	55	34	56	37	73	55	62	38	60	40	
14....	61	21</td																											